

| Ref # | Hits | Search Query                                  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 1    | S26 and (double with (poly or poly\$1silicon) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/20 16:12 |
|       |      | S17 and (double with poly\$7)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/20 15:28 |
|       |      | foote-richard.in.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/20 10:29 |
|       |      | foote-richard-w.in.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/20 10:30 |
|       |      | oliver-robert.in.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/20 10:31 |
|       |      | "4318751"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/20 10:32 |
| S4    | 57   | "4318751"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/20 10:32 |
| S5    | 27   | "4545087"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/20 10:32 |
| S6    | 24   | "4922318"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/20 10:32 |

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| S7  | 14 | "5037768"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/20 10:32 |
| S8  | 6  | "5104816"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/20 10:31 |
| S9  | 34 | "5141891"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/20 10:35 |
| S10 | 10 | "5294558"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/20 10:35 |
| S11 | 4  | "6472324"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/20 10:36 |
| S12 | 19 | ("4495512"   "4731341"   "4734382"<br>  "4783422"   "4812417"  <br>"4873200"   "4902640"   "4952521"<br>  "4960726").PN. OR ("5037768").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/20 10:33 |
| S13 | 25 | ("4104086"   "4139442"   "4160991"<br>  "4318751"   "4319932"  <br>"4960726"   "4994400"   "4994881"<br>  "4996581"   "5024957"  <br>"5039624"   "5100813"   "5118634"<br>  "5134082"   "5185276"  <br>"5204277"   "5234846").PN. OR<br>("5294558").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/20 10:35 |
| S14 | 76 | ("4475279"   "4484388"   "4486942"<br>  "4497106"   "4507847"  <br>"4637125"   "4688314"   "4707456"<br>  "4735916"   "4737472"  <br>"4752589"   "4764482"   "4778774"<br>  "4816423"   "4818720").PN. OR<br>("4960726").URPN.                            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/20 11:37 |

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| S15 | 23   | ("4707456"   "4803175"   "4808548"   "4830973"   "4837176"   "4902639"   "4960726"   "4987089"   "5008210"   "5034338"   "5037768"   "5079177"   "5096843").PN. OR ("5134082").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/20 11:38 |
| S16 | 40   | ("3767487"   "3999213"   "4041518"   "4151631"   "4299024").PN. OR ("4486942").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/20 15:24 |
| S17 | 1498 | (257/370,378).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/20 15:27 |
| S18 | 409  | S17 and (NPN and PNP)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 15:26 |
| S19 | 127  | S18 and (NMOS and PMOS)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 15:26 |
| S20 | 60   | S17 and (double with (poly or poly\$1silicon))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 15:41 |
| S21 | 30   | S20 and (PNP and NPN)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 15:41 |
| S22 | 52   | ("4546370"   "4589004").PN. OR ("4887142").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/20 15:49 |
| S23 | 32   | ("4239558"   "4529456"   "4667393"   "4855244"   "4892836"   "4918026"   "4939099"   "4954456").PN. OR ("5011784").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/20 16:11 |

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| S24 | 399655 | ((("257") or ("438")).CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 11:23 |
| S25 | 22246  | S24 and (bipolar with transistor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 16:12 |
| S26 | 6608   | S25 and (CMOS or (NMOS and PMOS))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 16:12 |
| S27 | 343    | S26 and (double with (poly or poly\$1silicon))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 16:13 |
| S28 | 1501   | S26 and (PNP same NPN)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 16:13 |
| S29 | 1501   | S26 and (NPN same PNP)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 16:13 |
| S30 | 115    | S27 and (NPN same PNP)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/20 16:13 |
| S31 | 32     | ("4239558"   "4529456"   "4667393"   "4855244"   "4892836"   "4918026"   "4939099"   "4954456").PN. OR ("5011784").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/21 11:23 |
| S32 | 12     | S31 and biCMOS   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/21 11:24 |

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| S33 | 399655 | ((("257") or ("438")).CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 11:24 |
| S34 | 3869   | S33 and biCMOS   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/21 11:24 |
| S35 | 301    | S34 and (double with (poly or poly\$1silicon))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/20 18:00 |
| S36 | 38     | ("4131908"   "4259680"   "4437897"<br>  "4445268"   "4477965"  <br>"4481706"   "4483726"   "4484211"<br>  "4484388"   "4495010"  <br>"4507847"   "4539742"   "4550490"<br>  "4583106"   "4616405"  <br>"4646425").PN. OR ("4784966").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/21 11:38 |
| S37 | 16     | ("4957874"   "5017995"   "5028557"<br>  "5248624"   "5256582"  <br>"5270294"   "5319234"  <br>"5466615").PN. OR ("5943564").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/21 12:19 |
| S38 | 58     | "4902640"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/21 13:21 |
| S39 | 107    | (438/203).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/20 17:58 |
| S40 | 381    | (438/202).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/20 17:37 |

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| S41 | 58   | (438/326).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/20 17:58 |
| S42 | 945  | (257/370).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/20 17:58 |
| S43 | 741  | (257/378).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/20 17:58 |
| S44 | 1517 | (257/378,370).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/20 17:58 |
| S45 | 648  | S44 and base with gate   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/20 17:59 |
| S46 | 47   | S44 and base near5 gate near5<br>(poly\$1silicon or poly adj silicon or<br>poly)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/20 18:00 |
| S47 | 62   | S44 and (double with (poly or<br>poly\$1silicon))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/20 18:00 |
| S48 | 73   | ("4072545"   "4157269"   "4325169"<br>  "4346512"   "4381953"  <br>"4431460"   "4471522"   "4483726"<br>  "4495010"   "4507171"  <br>"4507853"   "4581319"   "4707456"<br>  "4727046"   "4734382"  <br>"4735911"   "4735916"   "4737472"<br>  "4752589"   "4784971"  <br>"4808548").PN. OR ("4902640").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/01/20 18:02 |

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| S49 | 48 | ("4157269"   "4210993"   "4329706"<br>  "4419810"   "4455738"  <br>"4484388"   "4528744"   "4536944"<br>  "4536945"   "4577392"  <br>"4584055"   "4599789"  <br>"4604790").PN. OR ("4784971").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/01/20 18:07 |
| S50 | 2  | ("5943564").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/03 10:10 |
| S51 | 17 | ("4957874"   "5017995"   "5028557"<br>  "5248624"   "5256582"  <br>"5270294"   "5319234"  <br>"5466615").PN. OR ("5943564").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/02/03 10:11 |
| S52 | 13 | ("4693782"   "4735916"   "4737472"<br>  "4752589"   "4806499"  <br>"4825275"   "4902640").PN. OR<br>("5017995").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/02/03 10:13 |
| S53 | 73 | ("4072545"   "4157269"   "4325169"<br>  "4346512"   "4381953"  <br>"4431460"   "4471522"   "4483726"<br>  "4495010"   "4507171"  <br>"4507853"   "4581319"   "4707456"<br>  "4727046"   "4734382"  <br>"4735911"   "4735916"   "4737472"<br>  "4752589"   "4784971"  <br>"4808548").PN. OR ("4902640").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/02/03 10:19 |
| S54 | 2  | ("5017995").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/03 10:19 |
| S55 | 48 | ("4157269"   "4210993"   "4329706"<br>  "4419810"   "4455738"  <br>"4484388"   "4528744"   "4536944"<br>  "4536945"   "4577392"  <br>"4584055"   "4599789"  <br>"4604790").PN. OR ("4784971").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/02/03 10:20 |
| S56 | 48 | ("4157269"   "4210993"   "4329706"<br>  "4419810"   "4455738"  <br>"4484388"   "4528744"   "4536944"<br>  "4536945"   "4577392"  <br>"4584055"   "4599789"  <br>"4604790").PN. OR ("4784971").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/02/03 10:24 |

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| S57 | 382 | (438/202).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/03 10:31 |
| S58 | 107 | (438/203).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/03 10:31 |
| S59 | 945 | (257/370).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/03 11:22 |
| S60 | 741 | (257/378).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/03 10:31 |
| S61 | 103 | S59 and (p\$1type near5 gate)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/03 11:23 |
| S62 | 760 | S59 and (p\$1type ajd gate)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/03 11:23 |
| S63 | 10  | S59 and (p\$1type adj gate)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/03 11:23 |
| S64 | 14  | ("4329706"   "4542580"   "4752589"<br>  "4755865"   "4774197"  <br>"4931407"   "5057894"   "5089862"<br>  "5134454"   "5238850"  <br>"5439833"   "5710453"  <br>"5759883").PN. OR ("6441441").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/02/03 11:32 |

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